



Vegetative Plantings of a Dredged Material Disposal Site on Grand Terre Island (BA-28)

Project Status

Approved Date: 1998 **Cost:** \$883,233
Project Area: 297 acres **Status:** Construction
Net Benefit After 20 Years: 127 acres
Project Type: Vegetative Planting

Location

The project is located on west Grand Terre Island at the mouth of the Barataria Bay Waterway, east of Grand Isle in Jefferson Parish, Louisiana.

Problems

West Grand Terre Island is rapidly eroding at both the beach front and back bay wetlands. The 1996 and 1998 the U.S. Army Corps of Engineers' dredged disposal areas on the island were almost completely devoid of vegetation. Breaks in the retention dikes have occurred, allowing tidal movement into and out of the dredge material disposal site. Although continued tidal action is important and should be encouraged, erosion of the enclosed wetland platform could become severe if a substantial wetland base is not developed.

Restoration Strategy

The objectives of this project are to stabilize the dredged material platform by vegetative planting; to remove all cattle and goats from the island; and to purchase grazing rights for the 20-year duration of the project.

Progress to Date

Vegetative plantings were completed in spring 2001. The site will be assessed for additional plantings for spring 2004.

The project is listed on Priority Project List 7.



The vegetative plantings on Grand Terre Island one year after installation are shown above.



Expansion of area covered by the vegetative plantings has occurred since installation.

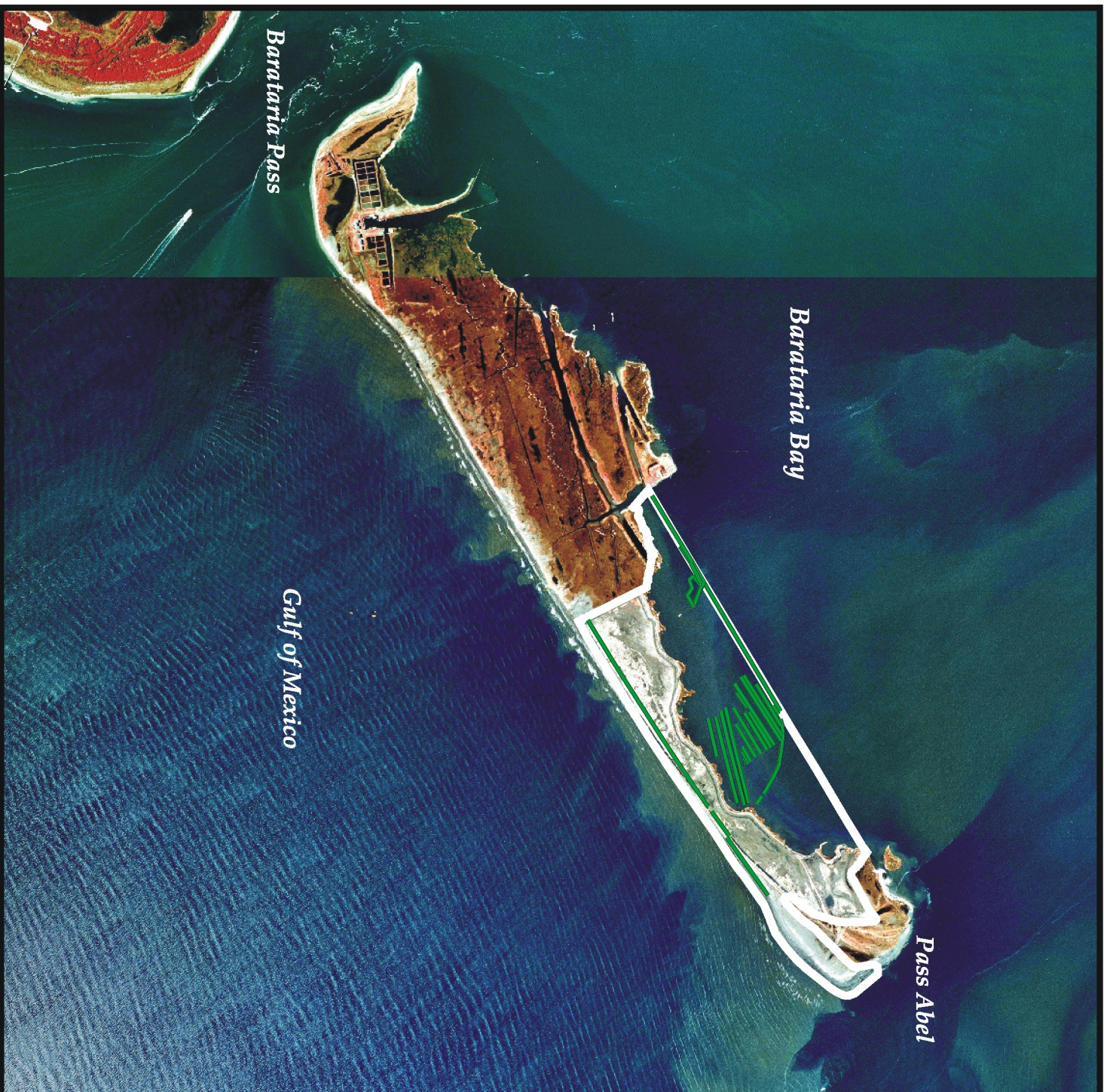
For more project information, please contact:





Federal Sponsor:
National Marine Fisheries Service
Baton Rouge, LA
(225) 389-0508



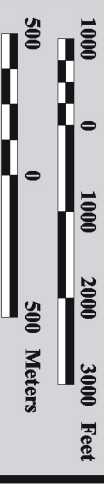
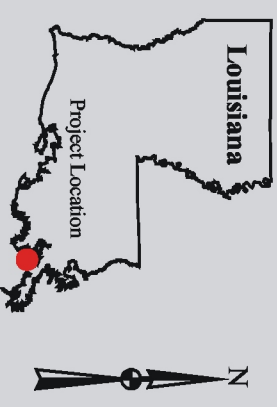
Local Sponsor:
Louisiana Department of Natural Resources
Baton Rouge, LA
(225) 342-7308



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-  Vegetative Plantings
-  Project Boundary

USGS
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Map Produced By:
U.S. Department of the Interior
U.S. Geological Survey
National Wetlands Research Center
Coastal Restoration Field Station

Background Imagery:
1998 Digital Orthophoto Quarter Quadrangle

Map Date: October 16, 2003
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